Abstract of the disclosure

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This invention relates to a supporting device for grinding ceramic element, the supporting device being composed of a plurality of supporting seats installed on the grinding machine, two locating pins deposited on the supporting seats and inserted into two end of the ceramic element to fix it, and a plurality of driving wheels installed on a driving shaft and touching the top of the ceramic element and the locating pins to drive them to rotate simultaneously. The supporting seat have a V-shape locating groove to provide a larger supporting area for supporting the locating pins firmly, further, the locating pins and the ceramic element can be rotated simultaneously so as to prevent the ceramic element and the locating pins from wearing out in the grinding process.